

$W = E(X)$ - warts' oveluonua (puz'ifia)

S, E - odlykate

$$\begin{matrix} M \\ \bar{x} \end{matrix}, \begin{matrix} E^2 \\ S^2 \\ W \end{matrix}, P$$

m - s'obara

$V(X)$ - kovariatsia $[E^2]$

n - p'ibla

$$V(X) = E(X^2) - [E(X)]^2$$

$V(X)$ - kovariatsia

$$E(X^2) = \sum_{i=1}^n x_i^2 \cdot p_i$$

$$E(X) = \sum_{i=1}^n x_i \cdot p_i$$

$E^2 = \sqrt{V(X)^2}$ - odlykate m'ashtv'ord'ade.

perem'el'ing (d'ev'iazion) $p: q$ mp. kovariatsia W, E ze

z'ak'oz'ov'iam

$$x \sim N(m, p)$$

$$P(x=m) = \binom{x}{m} \cdot (p)^m \cdot (q)^{x-m}$$

$$E(X) = m \cdot p$$

$$V(X) = m \cdot p \cdot q$$

Trav'd'oz'are $L-L$

$$X \sim B \quad m-L \quad N(m, \sqrt{mpq})$$

$$X \sim N(m, E(m))$$

$$\dots \quad L-L \quad N(m, E(m))$$

$$\bar{x} = \frac{1}{n} (x_1 + x_2 + \dots + x_n)$$

$$\bar{x} \quad W=L-L \quad N(m, \frac{E}{\sqrt{n}})$$

$$\bar{x} \sim N(m, \frac{E}{\sqrt{n}})$$